

Gas Stats

Quarterly Report of Gas Industry Operations

Planning and Analysis

Department of Statistics
1515 Wilson Boulevard
Arlington, Virginia 22209

Second Quarter 1990

Part 1. Gas Utility Industry Operating Trends

Income Statement

Total operating revenues for the twelve month period ending June 30, 1990 were \$70,290 million, a 2.0 percent increase from the same period a year ago. At the same time, operating expenses increased 2.8 percent to \$65,139 million. Total interest expense increased 2.0 percent during the period and net income decreased 8.7 percent.

Prices

Average U.S. residential gas prices rose from \$5.69/MMBtu in the second quarter 1989 to \$5.77/MMBtu in the second quarter 1990, a 1.4 percent increase. Commercial gas prices decreased 1.3 percent while industrial gas prices decreased 3.7 percent from the second quarter of 1989.

Customers, Sales, Revenues

The total number of customers in the second quarter 1990 increased 1.6 percent over the second quarter 1989 to 54,165,900.

Total sales in the second quarter 1990 decreased 3.1 percent from the second quarter 1989, while the twelve months ending June 30, 1990 recorded a decrease of 2.2 percent from the twelve months ending June 30, 1989.

Second quarter 1990 total revenues decreased 2.4 percent from the second quarter 1989, while the twelve months ending June 30, 1990 recorded an increase of 0.8 percent from the twelve months ending June 30, 1989.

See Table 1 and Table 2 for detailed data on sales, revenues and customers.

INVESTOR-OWNED GAS UTILITY INDUSTRY INCOME STATEMENT (Millions of Dollars)

	Twelve Months Ended		Percent Change
	06/30/90	06/30/89	06/30/90-89
Total Operating Expenses	\$ 70,290	\$68,912	+ 2.0
Operating Expenses:			
Operation Expenses	\$ 55,243	\$ 53,686	+ 2.9
Maintenance Expenses	1,927	1,774	+ 8.6
Depreciation, Retirement, Depletion, Amortization, etc.	3,367	3,367	0.0
Federal Income Taxes	1,119	1,285	- 12.9
All Other Taxes	3,483	3,228	+ 7.9
Total Operating Expenses	65,139	63,340	+ 2.8
Operating Income	5,151	5,572	- 7.6
Other Income - Net	2,768	2,625	+ 5.4
Income Before Interest Charges	7,919	8,197	- 3.4
Interest on Long-term Debt	2,850	2,762	+ 3.2
Other Interest Expense (Net)	1,297	1,304	- 0.5
Total Interest Expense	\$ 4,147	\$ 4,066	+ 2.0
Net Income	\$ 3,772	\$ 4,131	- 8.7

Explanatory Notes

The gas utility industry is defined to be distribution and transmission companies. The income statement includes operations of mixed and manufactured gas utilities. Because this segment of the gas industry accounts for less than two percent of total operating revenues, the income statement can be considered to be representative of the natural gas utility industry.

The composite income account includes revenues from sales to ultimate consumers and from sales for resale. It should not be interpreted as a "net" or "consolidated" statement since the duplicative effect of including both pipeline sales for resale and distribution company sales to ultimate consumers has not been eliminated.

The data presented have been expanded from the reports received on the basis of their relationship to total industry data. For combination companies appropriate allocation of long-term debt interest and net income is made so that the data properly reflect the financial picture of distribution and pipeline company gas operations.

Although the composite income statement is confined to all investor-owned companies, municipal operations are included in the data for customers, sales and revenues of "Gas Utility Industry Operating Trends" reported in Part II. Totals may not equal the sum of their parts, due to independent rounding.

**Table 1—Gas Utility Industry Customers,
Sales and Revenues, United States,
SECOND Quarter 1990**

	Quarter Ending June 30		Percent Change	Twelve Months Ending June 30		Percent Change
	1990	1989		1990	1989	
AVERAGE CUSTOMERS (Thousands)						
Residential	49,700.0	48,940.9	+ 1.6	49,330.3	48,546.9	+ 1.6
Commercial	4,248.5	4,165.7	+ 2.0	4,200.5	4,113.5	+ 2.1
Industrial	168.2	167.6	+ 0.4	167.1	167.4	- 0.2
Electric Generation	0.4	0.4	-	0.4	0.5	-
Other	48.8	46.8	+ 4.3	50.4	48.4	+ 4.0
TOTAL	54,165.9	53,321.4	+ 1.6	53,748.7	52,876.7	+ 1.6
SALES (Trillions of Btu)						
Residential	779.6	793.1	- 1.7	4,616.3	4,627.9	- 0.3
Commercial	416.6	412.1	+ 1.1	2,265.0	2,264.7	+ 0.0
Industrial	426.1	432.1	- 1.4	2,005.3	2,074.5	- 3.3
Electric Generation	212.7	258.2	- 17.6	1,128.6	1,317.7	- 14.4
Other	35.6	35.2	+ 1.1	197.8	162.6	+ 21.6
TOTAL	1,870.6	1,930.7	- 3.1	10,213.0	10,447.4	- 2.2
REVENUES (Thousands \$)						
Residential	4,499,427	4,514,071	- 0.3	25,607,967	25,209,104	+ 1.6
Commercial	1,938,848	1,942,663	- 0.2	10,834,561	10,738,934	+ 0.9
Industrial	1,234,174	1,298,982	- 5.0	6,215,401	6,318,041	- 1.6
Electric Generation	596,255	714,856	- 16.6	3,214,346	3,307,297	- 2.8
Other	107,026	107,094	- 0.1	616,476	538,777	+ 14.4
TOTAL	8,375,730	8,577,666	- 2.4	46,488,751	46,112,153	+ 0.8

**Table 2—Gas Utility Industry Customers,
Sales and Revenues, By Division,
SECOND Quarter 1990**

	New England Division			Middle Atlantic Division			East North Central Division		
	Quarter Ending June 30 1990	Quarter Ending June 30 1989	Percent Change	Quarter Ending June 30 1990	Quarter Ending June 30 1989	Percent Change	Quarter Ending June 30 1990	Quarter Ending June 30 1989	Percent Change
CUSTOMERS (Thousands)									
Residential	1,844.6	1,830.7	+ 0.8	8,177.9	8,092.1	+ 1.1	11,014.1	10,843.9	+ 1.6
Commercial	181.6	177.7	+ 2.2	680.2	664.9	+ 2.3	928.5	907.8	+ 2.3
Industrial	9.2	8.9	+ 3.5	23.8	24.3	- 1.9	49.8	49.1	+ 1.3
Elec. Generation	*	*	-	*	*	-	0.1	0.1	-
Other	4.6	4.3	+ 6.0	12.1	11.5	+ 5.6	4.0	3.9	+ 3.1
TOTAL	2,040.0	2,021.6	+ 0.9	8,894.0	8,792.8	+ 1.2	11,996.5	11,804.8	+ 1.6
SALES (Trillions of Btu)									
Residential	35.9	34.8	+ 3.0	147.8	150.4	- 1.7	207.9	226.1	- 8.1
Commercial	23.4	21.4	+ 9.5	61.4	61.9	- 0.8	76.5	81.0	- 5.6
Industrial	19.5	17.9	+ 8.8	30.4	33.9	- 10.2	50.8	47.2	+ 7.6
Elec. Generation	9.7	16.6	- 41.5	6.4	10.6	- 40.0	1.1	1.1	- 2.1
Other	1.9	0.8	+132.8	6.6	6.8	- 2.6	1.6	1.5	+ 9.3
TOTAL	90.4	91.5	- 1.2	252.6	263.6	- 4.2	337.9	356.9	- 5.3
REVENUES (Thousands \$)									
Residential	262,162	248,990	+ 5.3	988,927	982,833	+ 0.6	1,095,403	1,190,526	- 8.0
Commercial	128,306	117,766	+ 9.0	349,050	346,830	+ 0.6	338,611	373,743	- 9.4
Industrial	70,345	60,768	+ 15.8	119,813	134,335	- 10.8	167,235	178,233	- 6.2
Elec. Generation	22,879	45,144	- 49.3	17,374	29,037	- 40.2	3,699	3,919	- 5.6
Other	6,373	3,443	+ 85.1	33,049	34,297	- 3.6	6,235	6,162	+ 1.2
TOTAL	490,065	476,111	+ 2.9	1,508,213	1,527,332	- 1.3	1,611,183	1,752,583	- 8.1

*Less than 50 customers.

Table 2—Continued

West North
Central
Division

Quarter Ending
June 30
1990 1989

Percent
Change

CUSTOMERS

(Thousands)

Residential	4,241.8	4,182.4	+ 1.4
Commercial	457.2	444.4	+ 2.9
Industrial	12.0	12.2	- 1.9
Elec. Generation	0.2	0.2	-
Other	1.5	1.5	0.0
TOTAL	4,712.7	4,640.7	+ 1.6

SALES

(Trillions of Btu)

Residential	77.7	71.8	+ 8.2
Commercial	49.7	46.1	+ 7.9
Industrial	26.1	30.5	- 14.4
Elec. Generation	1.6	1.6	+ 3.1
Other	0.8	1.0	- 16.7
TOTAL	155.9	151.0	+ 3.2

REVENUES

(Thousands \$)

Residential	376,895	346,188	+ 8.9
Commercial	192,468	182,833	+ 5.3
Industrial	70,332	83,919	- 16.2
Elec. Generation	3,956	3,963	- 0.2
Other	1,939	2,440	- 20.5
TOTAL	645,590	619,343	+ 4.2

South
Atlantic
Division

Quarter Ending
June 30
1990 1989

Percent
Change

Residential	4,529.6	4,435.1	+ 2.1
Commercial	430.1	420.3	+ 2.3
Industrial	17.9	17.6	+ 1.7
Elec. Generation	*	*	-
Other	4.8	3.8	+ 27.6
TOTAL	4,982.4	4,876.8	+ 2.2

Residential	55.3	60.2	- 8.2
Commercial	47.8	48.8	- 2.0
Industrial	66.0	67.0	- 1.5
Elec. Generation	30.9	56.1	- 44.9
Other	0.3	0.4	- 22.7
TOTAL	200.3	232.5	- 13.8

Residential	371,575	393,284	- 5.5
Commercial	234,399	241,649	- 3.0
Industrial	206,397	223,712	- 7.7
Elec. Generation	81,403	150,184	- 45.8
Other	1,583	2,009	- 21.2
TOTAL	895,357	1,010,838	- 11.4

East South
Central
Division

Quarter Ending
June 30
1990 1989

Percent
Change

Residential	2,280.7	2,207.6	+ 3.3
Commercial	243.3	234.9	+ 3.6
Industrial	6.8	6.7	+ 1.8
Elec. Generation	*	*	-
Other	9.4	9.3	+ 0.7
TOTAL	2,540.2	2,458.5	+ 3.3

Residential	28.9	32.2	- 10.1
Commercial	19.0	20.5	- 7.4
Industrial	26.7	38.8	- 31.3
Elec. Generation	3.8	3.4	+ 12.7
Other	2.1	2.2	- 5.8
TOTAL	80.5	97.1	- 17.1

Residential	165,638	174,393	- 5.0
Commercial	85,478	88,560	- 3.5
Industrial	81,037	113,338	- 28.5
Elec. Generation	5,020	4,476	+ 12.2
Other	7,515	8,039	- 6.5
TOTAL	344,688	388,806	- 11.3

*Less than 50 customers.

West South
Central
Division

Quarter Ending
June 30
1990 1989

Percent
Change

CUSTOMERS

(Thousands)

Residential	5,399.3	5,353.3	+ 0.9
Commercial	478.4	479.4	- 0.2
Industrial	8.5	8.5	+ 0.1
Elec. Generation	*	*	-
Other	9.1	9.2	- 1.1
TOTAL	5,895.3	5,850.4	+ 0.8

SALES

(Trillions of Btu)

Residential	66.4	61.5	+ 7.9
Commercial	40.8	37.6	+ 8.4
Industrial	115.0	114.9	+ 0.1
Elec. Generation	57.1	62.5	- 8.7
Other	20.0	20.1	- 0.5
TOTAL	299.3	296.6	+ 0.9

REVENUES

(Thousands \$)

Residential	386,939	358,144	+ 8.0
Commercial	183,696	171,249	+ 7.3
Industrial	246,376	242,544	+ 1.6
Elec. Generation	155,299	170,136	- 8.7
Other	41,853	41,751	+ 0.2
TOTAL	1,014,166	983,824	+ 3.1

Mountain
Division

Quarter Ending
June 30
1990 1989

Percent
Change

Residential	2,990.5	2,934.7	+ 1.9
Commercial	303.1	297.4	+ 1.9
Industrial	4.8	4.6	+ 3.6
Elec. Generation	0.1	0.1	-
Other	3.2	3.2	+ 0.7
TOTAL	3,301.7	3,240.0	+ 1.9

Residential	49.4	44.9	+ 10.0
Commercial	33.6	30.6	+ 9.9
Industrial	13.3	14.6	- 8.6
Elec. Generation	5.1	5.1	+ 0.3
Other	1.8	1.9	- 3.4
TOTAL	103.2	97.1	+ 6.3

Residential	241,079	233,468	+ 3.3
Commercial	130,200	132,176	- 1.5
Industrial	35,932	41,694	- 13.8
Elec. Generation	10,923	10,869	+ 0.5
Other	6,466	6,944	- 6.9
TOTAL	424,600	425,151	- 0.1

Pacific
Division

Quarter Ending
June 30
1990 1989

Percent
Change

Residential	9,221.5	9,061.1	+ 1.8
Commercial	546.1	538.9	+ 1.3
Industrial	35.4	35.7	- 0.9
Elec. Generation	0.0	0.0	-
Other	0.1	0.1	+ 0.0
TOTAL	9,803.1	9,635.8	+ 1.7

Residential	110.3	111.2	- 0.8
Commercial	64.4	64.2	+ 0.4
Industrial	78.3	67.3	+ 16.3
Elec. Generation	97.0	101.2	- 4.1
Other	0.5	0.5	- 1.2
TOTAL	350.5	344.4	+ 1.8

Residential	610,809	586,245	+ 4.2
Commercial	296,637	287,857	+ 3.1
Industrial	236,707	220,439	+ 7.4
Elec. Generation	295,702	297,128	- 0.5
Other	2,013	2,009	+ 0.2
TOTAL	1,441,868	1,393,678	+ 3.5

*Less than 50 customers.

Average Gas Prices for the Second Quarter 1990
(\$/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	2nd Qtr 1990	Percent Change ^a	2nd Qtr 1990	Percent Change ^a	2nd Qtr 1990	Percent Change ^a	2nd Qtr 1990	Percent Change ^a
US	5.77	+ 1.4	4.65	- 1.3	2.90	- 3.7	2.80	+ 1.1
ME	7.30	+ 2.1	5.48	- 0.4	3.61	+ 6.5	2.36	- 13.2
MA	6.69	+ 2.5	5.68	+ 1.4	3.94	- 0.5	2.71	- 1.1
ENC	5.27	0.0	4.43	- 3.9	3.29	- 13.0	3.36	- 5.6
WNC	4.95	+ 0.6	3.87	- 2.5	2.69	- 2.2	2.47	- 0.4
SA	6.72	+ 2.9	4.90	- 1.0	3.13	- 6.3	2.63	- 1.9
ESC	5.73	+ 5.7	4.50	+ 4.2	3.04	+ 4.1	1.32	0.0
MSC	5.83	+ 0.2	4.50	- 1.1	2.14	+ 1.4	2.72	0.0
M	4.88	- 6.2	3.88	- 10.2	2.70	- 5.6	2.14	+ 0.5
P	5.54	+ 5.1	4.61	+ 2.9	3.02	- 7.9	3.05	+ 3.7

^aCompared with the same quarter in 1989.

Average Gas Prices for the Year Ending
June 30, 1990
(\$/MMBtu)

	Residential		Commercial		Industrial		Electric Generation	
	Price	Percent Change ^a	Price	Percent Change ^a	Price	Percent Change ^a	Price	Percent Change ^a
US	5.55	+ 1.8	4.78	+ 0.9	3.10	+ 1.8	2.85	+ 13.5
ME	7.42	+ 5.2	6.04	+ 7.9	4.24	+ 10.8	2.37	- 9.3
MA	6.65	+ 4.9	5.64	+ 4.2	4.11	+ 5.7	2.78	+ 4.6
ENC	4.95	- 2.3	4.44	- 3.0	3.79	- 3.6	3.47	+ 0.5
WNC	4.77	+ 5.1	4.13	+ 4.5	3.00	+ 3.4	2.86	+ 14.4
SA	6.38	+ 2.6	5.16	+ 1.8	3.48	+ 1.4	2.54	+ 8.9
ESC	5.24	+ 1.8	4.41	+ 0.2	3.13	+ 3.8	1.71	+ 11.1
MSC	5.38	+ 4.1	4.56	+ 2.6	2.31	+ 11.9	2.74	+ 23.6
M	4.92	- 0.1	4.08	- 2.9	2.95	- 5.0	2.05	- 2.3
P	5.47	+ 0.7	4.92	- 3.4	2.90	- 9.6	3.13	+ 5.2

^aCompared with the same year ending, June 30, 1989.

APPLIANCE AND HOUSING STATISTICS (Thousands)

	1990 Second Quarter	Percent Change ^a	Past Twelve Months	Percent Change ^b
<u>APPLIANCE SHIPMENTS</u>				
<u>Central Heating Equipment</u>				
Warm Air Furnaces				
Gas	398.1	- 9.9	2,073.5	- 4.6
Oil ^c	22.9	- 8.0	168.1	- 15.7
Electric	70.8	- 19.6	279.1	- 6.5
Boilers				
Gas	28.7	- 9.5	186.3	- 10.2
Oil ^c	20.1	- 13.4	121.7	- 13.4
<u>Other Gas Heating Equipment</u>				
Wall Furnaces	24.9	- 28.0	159.8	- 10.2
Floor Furnaces	2.8	- 20.0	17.8	- 5.3
<u>Major Appliances</u>				
Residential Ranges				
Gas	542.4	+ 2.8	2,208.4	+ 2.2
Electric	762.8	+ 1.3	3,042.4	+ 2.8
Residential Water Heaters				
Gas ^c	959.6	- 6.3	4,028.4	- 0.7
Electric ^c	807.1	- 5.9	3,286.8	- 2.6
Commercial Water Heaters				
Gas ^c	25.6	- 4.5	103.0	- 4.8
Electric ^c	5.1	0.0	20.2	+ 2.5
Clothes Dryers				
Gas	233.6	- 6.8	1,032.5	- 3.8
Electric	801.2	- 3.6	3,458.6	- 3.8
<u>HOUSING</u>				
Total Housing Starts	358.0	- 11.4	1,321.0	- 9.2
Single-Family Starts	271.0	- 10.3	977.0	- 7.1
Total Housing Completions (private)	322.0	- 8.8	1,368.0	- 8.6
Mobile Home Shipments	51.7	- 6.2	189.8	- 11.3

^aCompared with same period in 1989.

^bPast twelve months compared with same period a year ago.

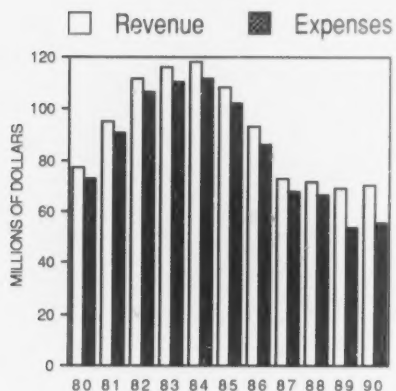
^cData not expanded.

SOURCES: Gas Appliance Manufacturers Association, Statistical Highlights.
Association of Home Appliance Manufacturers, Newsline.
U.S. Department of Commerce, Housing Starts and Housing Completions.

Part II. Gas Utility Industry Historical Trends Second Quarter Select Statistics

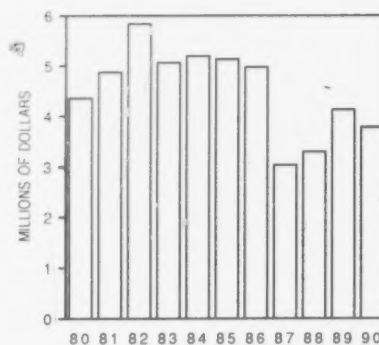
TOTAL OPERATING REVENUES & EXPENSES

12 MONTH PERIOD

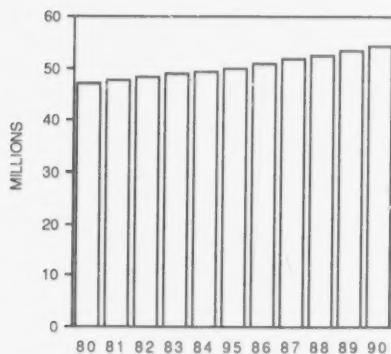


NET INCOME

12 MONTH PERIOD

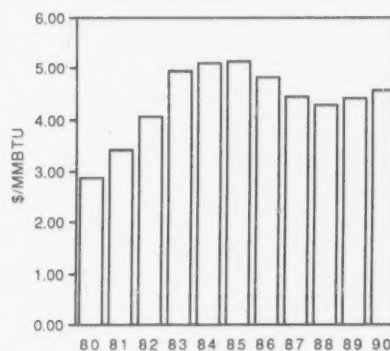


TOTAL GAS CUSTOMERS

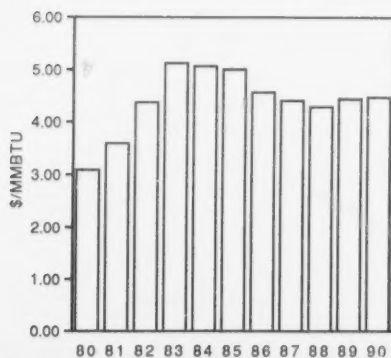


TOTAL INDUSTRY PRICES

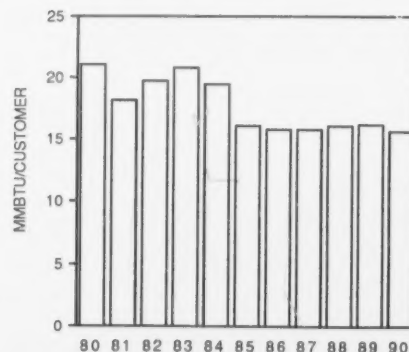
12 MONTH PERIOD



TOTAL INDUSTRY PRICES

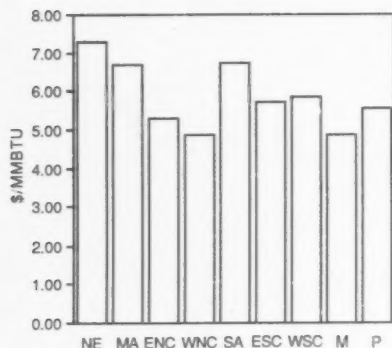


RESIDENTIAL CONSUMPTION

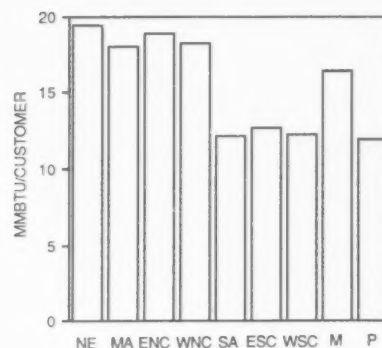


Second Quarter Select Statistics

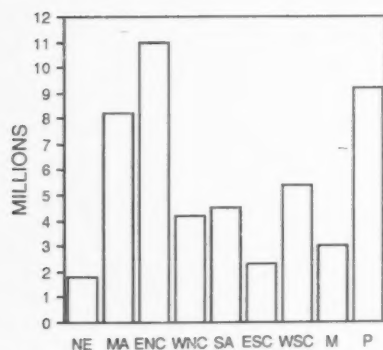
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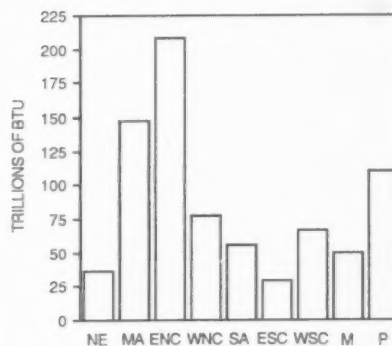
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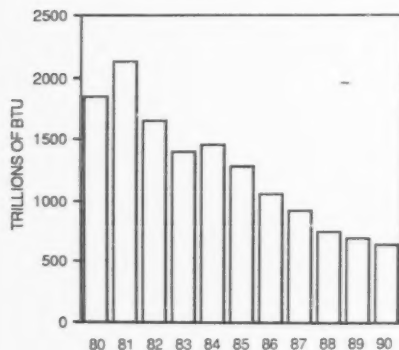
RESIDENTIAL CUSTOMERS



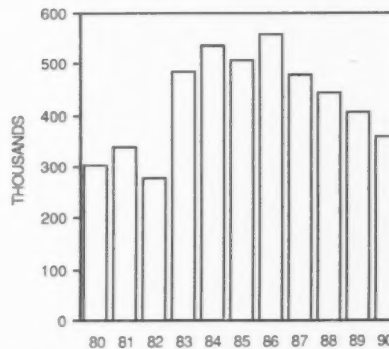
RESIDENTIAL SALES



INDUSTRIAL SALES



TOTAL HOUSING STARTS*



*Dept. of Commerce Housing Starts